

**KOHN &****ASSOCIATES**

P • L • L • C

Intellectual Property Law

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ANDREW M. PARIAL

† also admitted in Ohio

*Of Counsel*

WILLIAM H. HORTON

LINDA M. WATSON

**FACSIMILE TRANSMISSION:**

**TO: USPTO – Central File**  
**FROM: Kenneth I. Kohn**  
**RE: USSN 10/018,290**  
**OUR REF NO: 3153.00108**

**FAX #: (703) 872-9306**  
**DATE: April 8, 2004**

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**APR 12 2004****OFFICIAL**

8 page(s) including this cover page.

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**COMMENTS:**

Pursuant to our telephone conversation with Examiner Z. Lucas, we are attaching hereto a resubmission of the previously filed Response to Restriction Requirement, along with copies of the USPTO stamped return postcard and express mail label. We are also attaching hereto The Transmittal Form that transmitted the previously submitted Revocation of Power of Attorneys.

Thank you for your attention to this matter. If you have any questions, please feel free to contact us.

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PTO/SB/21 (08-00)

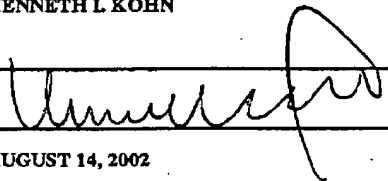
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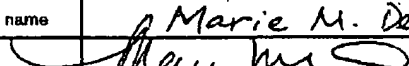
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application	10/018,290	
	Filing Date	NOVEMBER 19, 2001	
	First Named	PANACCIO	
	Group Art Unit	UNKNOWN	
	Examiner Name	UNKNOWN	
Total Number of Pages In This Submission	3	Attorney Docket Number	3153.00108/PC10564A

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	KENNETH L KOHN
Signature	
Date	AUGUST 14, 2002

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: <u>Aug 14, 2002</u>		
Typed or printed name	<u>Marie M. Dewitt</u>	
Signature	<u></u>	Date <u>8-14-02</u>

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Applicant : Panaccio, et al. )  
App. No. : 10/018,290 )  
Filed : November 19, 2001 )  
For : LAWSONIA DERIVED GENE AND )  
RELATED OMPH POLYPEPTIDES, )  
PEPTIDES AND PROTEINS AND )  
THEIR USES )  
Examiner : Unknown


REVOCATION OF POWER OF ATTORNEY

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

The undersigned hereby revokes any previous powers of attorney in the subject application, namely that of Knobbe, Martens, Olson & Bear, LLP, including all of the individual members of the firm, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, and requests that all future communications with respect thereto from the Patent and Trademark Office be forwarded to Kenneth I. Kohn, located at 30500 Northwestern Highway, Suite 410, Farmington Hills, Michigan 48334-3179.

Dated: 25.07.2002

By:   
Bruce Lang  
Company Secretary  
Agriculture Victoria Services PTY LTD

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Panaccio, et al. )  
App. No. : 10/018,290 )  
Filed : November 19, 2001 )  
For : LAWSONIA DERIVED GENE AND )  
RELATED OMPH POLYPEPTIDES, )  
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THEIR USES )  
Examiner : Unknown

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United States Patent and Trademark Office  
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Dear Sir:

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Dated: 15 July 2002

By: B. J. Ramsay  
Chief Executive Officer  
Australian Pork Limited

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Date 10/2/03 Attorney KIK/mmd Docket No. 3153.00108  
 USSN 10/018,290 Applicant Panaccio, et al.  
 Express Mail No. EL976237315US

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☐ Claims      pages  
☐ Abstract      pages  
☐ Drawings      sheets  
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☐ Dec/POA      signed      unsigned  
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☐ Amendment      pages  
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☐ Brief      pages      copies  
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☐ Assignment & Recordation Cover Sheet  
☐ PTO-1390 (DO/EO/US)      pages

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Date 10/22/03 Attorney KIK/mmd Docket No. 3153.00108  
 USSN 10/018,290 Applicant Panaccio, et al.  
 Express Mail No. EL976237315US

☐ Specification      pages  
☐ Claims      pages  
☐ Abstract      pages  
☐ Drawings      sheets  
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☐ Dec/POA      signed      unsigned  
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USSN 10/018,290

Attorney Docket No: 3153.00108/PC10564A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Panaccio, et al.

Serial No. 10/018,290

Filed: 11/19/01

Group Art Unit: 1648

For: LAWSONIA DERIVED GENE AND RELATED OMPH POLYPEPTIDES, PEPTIDES AND PROTEINS AND THEIR USES

**RESPONSE TO RESTRICTION REQUIREMENT**

Mail Stop Non-Fee Amendments

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This response is being submitted in response to an Office Action dated September 23, 2003, Paper No. 11.

Restriction to one of the following Groups was required under 35 U.S.C. § 121:

Group I, claims 1-21 and 39, drawn to an OmpH *Lawsonia spp.* Polypeptide;

Group II, claims 22-24 and 30-38, drawn to a polynucleotides encoding a *Lawsonia spp.* OmpH polypeptide and a first method of using such; and

Group III, claims 25-29, drawn to antibodies to *Lawsonia spp.* OmpH Polypeptides and a first method of using such.

With regard to the groups, Applicants provisionally elect with traverse, Group I, claims 1-21 and 39, which are drawn to an OmpH *Lawsonia spp.* Polypeptide for prosecution purposes. Applicants hereby conditionally withdraw claims 22-38 from prosecution, without prejudice, and request reconsideration of the restriction requirement.

Applicants traverse the restriction requirement based on the following grounds. It is respectfully submitted that the restriction requirement practice was established to promote efficiency of prosecution in the United States Patent Office. All the groups of claims relate to therapeutic compositions for the treatment and/or prophylaxis of intestinal disease conditions in animals and birds caused or exacerbated by *lawsonia intracellularis* or similar related microorganisms. Specifically, the present invention provides a novel gene, derived from *lawsonia intracellularis*, which encodes an immunogenic polypeptide, or protein. Furthermore, all of the groups of the claims relate to the OmpH *Lawsonia spp.* Polypeptide. The claims encompass related polypeptides, antibodies thereof, and methods relating to the polypeptide. It is well accepted practice in the United States Patent Office to claim

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USSN 10/018,290

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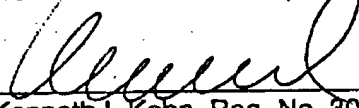
polynucleotides, immunogenic compositions, polypeptides, vaccines, vectors, and related methods that pertain to the same organism in the same application and without restriction. Accordingly, it is entirely reasonable, and would not present an undue burden upon the Examiner, for the claims of all of the groups to be maintained in a single application. It is respectfully submitted that prosecution of all of these groups of claims in a single application would be efficient, thereby promoting the grounds for the establishment of the restriction requirement practice. Hence, it is respectfully submitted that restriction should not be required and that Applicants have traversed the restriction requirement. However, as stated above, Applicants have provisionally elected the claims of Group I, directed towards claims 1-21 and 39, without prejudice. Additionally, Applicants provisionally withdraw claims 22-38, without prejudice, pending reconsideration of the restriction requirement.

The present application is now in condition for allowance, which allowance is respectfully solicited.

The Commissioner is authorized to charge any fee or credit any overpayment in connection with this communication to our Deposit Account No. 11-1449.

Respectfully submitted,

KOHN & ASSOCIATES, PLLC

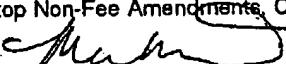
  
Kenneth I. Kohn, Reg. No. 30,955  
30500 Northwestern Highway, Suite 410  
Farmington Hills, Michigan 48334  
(248) 539-5050

Date: October 22, 2003

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Marie M. DeWitt

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